

1 32943/KMO/A97

## METHODS FOR STABILIZING LYOPHILIZED BLOOD PROTEINS

### 5 ABSTRACT OF THE DISCLOSURE

Methods for stabilizing lyophilized blood proteins, preferably fibrinogen, comprise forming a stable complex between the blood protein and hydroxypropyl- $\alpha$ -cyclodextrin in an aqueous solution. Hydroxypropyl- $\alpha$ -cyclodextrin is added to the blood protein in an amount sufficient to form a stable complex with the protein. The solution is lyophilized to form a  
10 lyophilized protein/hydroxypropyl- $\alpha$ -cyclodextrin complex. The lyophilized protein/hydroxypropyl- $\alpha$ -cyclodextrin complex is then reconstituted.

KMO PAS260617 2-\* -12/8/00 2.06 PM

15

20

25

30

35